

ABSTRACT

Surgical osteosynthesis composite material which has three components: biodegradable polymer reinforcement, bioceramic or bioglass filler reinforcement and biodegradable polymer matrix. This invention relates to biodegradable materials used for bone fracture fixation devices and methods of their manufacture. Unlike other

5 known materials used prior to this application, the composites of this invention have two different reinforcing phases and one matrix phase. One reinforcing element is referred as the polymeric reinforcing element and the other as the ceramic reinforcing element.

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